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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

## Complete if Known

Application Number	10/718,823
Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	OI7035742001

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5295261	03-15-1994	Simonetti	
	2	US-5404513	04-04-1995	Powers et al.	
	3	US-5467471	11-14-1995	Bader	
	4	US-5680614	10-21-1997	Bakuya et al.	
	5	US-5724677	03-03-1998	Exley et al.	
	6	US-5734887	03-31-1998	Kingberg et al.	
	7	US-5987506	11-16-1999	Carter et al.	
	8	US-5964407	10-12-1999	Sandkleiva	
	9	US-5974407	10-26-1999	Sacks	
	10	US-6038563	03-14-1999	Bapat et al.	
	11	US-6055544	04-25-2000	DeRose et al.	
	12	US-6061684	05-09-2000	Glasser et al.	
	13	US-6085198	07-04-2000	Skinner et al.	
	14	US-6128610	10-03-2000	Srinivasan et al.	
	15	US-6141655	10-31-2000	Johnson et al.	
	16	US-6154741	11-28-2000	Feldman	
	17	US-6199195 B1	03-06-2001	Goodwin et al.	
	18	US-6208993 B1	03-27-2001	Shadmon	
	19	US-6236988 B1	05-22-2001	Aldred	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	20	JP 60-218142	10-31-1985	Hitachi LTD.,		
JAN	21	JP 2-165353 (Abstract Only)	06-26-1990	Fujitsu LTD.		
	22	JP 8-249159	09-27-1996	Fujitsu LTD.		

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Sheet 2 of 7

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	23	US-6263332 B1	07-17-2001	Nasr et al.	
	24	US-6269380 B1	07-31-2001	Terry et al.	
	25	US-6270006 B1	08-21-2001	Shigeml et al.	
	26	US-6279007 B1	08-21-2001	Uppala	
	27	US-6298349 B1	10-02-2001	Toyoshima et al.	
	28	US-6343287 B1	01-29-2002	Kumar et al.	
	29	US-6356920 B1	03-12-2002	Vandersluis	
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	31	US-6370537 B1	04-09-2002	Gilbert et al.	
	32	US-6470344 B1	10-22-2002	Kothuri et al.	
	33	US-6470494 B1	10-22-2002	Chan et al.	
	34	US-6487546 B1	11-26-2002	Witkowski	
	35	US-6496842 B1	12-17-2002	Lyness	
	36	US-6542911 B2	04-01-2003	Chakraborty et al.	
	37	US-6571231 B2	05-27-2003	Sedlar	
	38	US-6604100 B1	08-05-2003	Fernandez et al.	
	39	US-6636845 B1	10-21-2003	Chau et al.	
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	42	WO 00/040533	08-24-2000	Oracle Corporation		

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	48	US-6826568 B2	11-30-2004	Bernstein et al.	
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	50	US-6915307 B1	07-05-2005	Mattis et al.	
	51	US-6941511 B1	09-06-2005	Hind et al.	
	52	US-6964025 B2	11-08-2005	Angiulo et al.	
	53	US-7024425 B2	04-04-2006	Krishnaprasad et al.	
	54	US-7031956 B1	04-18-2006	Lee et al.	
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	61	WO 01/042881 A2	06-14-2001	B-Bop Associates, Inc.		

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Filing Date	November 21, 2003
First Named Inventor	Namit JAIN
Art Unit	2166
Examiner Name	Channavajjala, Sriama T.
Attorney Docket Number	O17035742001

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	64	US-2003/0009361 A1	01-09-2003	Hancock et al.	
	65	US-2003/0065699 A1	04-03-2003	Agarwal et al.	
	66	US-2003/0093672 A1	05-15-2003	Cichowas	
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	71	US-2003/0182624 A1	09-25-2003	Large	
	72	US-2003/0204787 A1	10-30-2003	Bartucca et al.	
	73	US-2004/0015936 A1	01-22-2004	Susarla et al.	
	74	US-2004/0043758 A1	03-04-2004	Sorvari et al.	
	75	US-2004/0064466 A1	04-01-2004	Manikutty et al.	
	76	US-2004/0117359 A1	06-17-2004	Snodgrass et al.	
	77	US-2004/0176958 A1	09-09-2004	Salmenkaita et al.	
	78	US-2004/0220912 A1	11-04-2004	Manikutty et al.	
	79	US-2004/0220927 A1	11-04-2004	Murthy et al.	

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	80	WO-01/859602 A1	08-16-2001	Acta Technologies, Inc.		

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		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)				
	90	WO 01/061566 A1	08-23-2001	Verizon Laboratories, Inc.		

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Sheet	6	of	7	Attorney Docket Number	OI7035742001

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JSW	91	"10.1. What is the Direct Path?" from Oracle SQL*Loader: The Definitive Guide. Published by O'Reilly & Associates, 2001		
	92	"Conventional and Direct Path Loads" from Oracle 9i Database Utilities Release 2. Copyright 2002 Oracle Corporation. Available online at <a href="http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm">http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm</a>		
	93	"Java programming dynamics, Part 2: Introducing reflection" by Dennis Sosnoski. Published 3 June 2003. Available online at <a href="http://www-128.ibm.com/developerworks/library/j-dyn0603/">http://www-128.ibm.com/developerworks/library/j-dyn0603/</a>		
	94	"Objects, Collections, and OPAQUE Types" from Oracle9i SQLJ Developer's Guide and Reference Release 2 (9.2). Copyright 1999, 2002. Available online at <a href="http://www.ic.feldenuiv.nl/awcourse/oracle/java.920/a96655/objcoll.htm">http://www.ic.feldenuiv.nl/awcourse/oracle/java.920/a96655/objcoll.htm</a>		
	95	"SerialJavaObject (Java 2 Platform SE 5.0)", available online at <a href="http://java.sun.com/j2se/1.5.0/docs/api/javax/sql/rowset/serial/SerialJavaObject.html">http://java.sun.com/j2se/1.5.0/docs/api/javax/sql/rowset/serial/SerialJavaObject.html</a> . Accessed April 8, 2006. Copyright 2004 Sun Microsystems		
	96	"Using Java Reflection" by Glen McCluskey. Published January 1998. Available online at <a href="http://java.sun.com/developer/technicalArticles/ALT/Reflection/">http://java.sun.com/developer/technicalArticles/ALT/Reflection/</a>		
	97	CHEN, R-S, et al. "Developing an XML Framework for Metadata System" Trinity College, Dublin, Proceedings of the 1st Int'l Symposium on Information and Communication, pp. 267-272		
	98	<del>HIGGINS, S., Oracle Corporation, "Oracle9i, XML Database Developer's Guide - Oracle XML DB" Release 2 (9.2), October, 2002, Part No. A96620-02, p: 1-1,044</del>		None
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	101	LI, X. "A Survey of Schema Evolution in Object-Oriented Databases" IEEE, 1999, pp. 362-371		
	102	MANOLESCU, D., Review of "Metadata solutions: using metamodels, repositories, XML, and enterprise portals to generate information on demand by Adrienne Tannebaum", ACM Press, March, 2003, Vol. 28, Issue 2, page 38		
	103	<del>ORACLE "Conventional and Direct Path Loads" Chapter 9 of Oracle 9i Database Utilities - Release 2 (9.2), Copyright 2002 Oracle Corporation, 29 pages</del>		Dep 92
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	106	RIGGS, R. et al. "Pickling State in the Java™ System" XP002128178, 10 pages		

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Nimit JAIN

Art Unit

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Channavajjala, Sriama T.

Attorney Docket Number

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JSN	107	SU, H. et al. "XEM: XML Evolution Management" January, 2002, XP-002306151, pp. 1-32	
J	108	TÜRKER, C., "Schema Evolution in SQL-99 and Commercial (Object-) Relational DBMS" 9th Int'l Workshop on Foundations of Models and Languages for Data and Objects Formado/Demm 2000, September 18, 2000, XP-002306150, pp. 1-32	
J	109	WANG, Y. et al. "X-Diff: An Effective Change Detection Algorithm for XML Documents" Proceedings of the 19th Int'l Conference on Data Engineering (ICDE'03), IEEE, 2003, pp. 519-530	
	110	BOURRET, R. et al. "A Generic Load/Extract Utility for Data Transfer Between XML Documents and Relational Databases" Proceedings for the 2nd Int'l Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems, IEEE Computing Society, June 8-9, 2000, pp. 134-143	
	111	BRAGA, D. et al. "A Graphical Environment to Query XML Data with XQuery" Proceedings of the Fourth International Conference on Web Information Systems Engineering (WISE'03), IEEE, 2003, 10 pages	
	112	CHENG, J. et al. "IBM DB2 XML Extender, An end-to-end solution for storing and retrieving XML documents" IEEE, ICDE'00 Conference, San Diego, CA, Feb. 2000, 128 pages	
	113	JAJODIA, S. et al. "Toward a Multilevel Secure Relational Data Model" ACM, 8393 SIGMOD Record, June 20, 1991, XP 000364619, No. 2, pp. 50-59	
	114	MI-OK, C. et al. "Design and Implementation of an Object-Oriented Multimedia DBMS Tightly Coupled with Information Retrieval Functions" Proceedings of the 17th IASTED Int'l Conference on Applied Informatics (AI'99), Innsbruck, Austria, Feb. 15-18, 1999, abstract	
	115	NOSER, H. et al. "Dynamic 3D Visualization of Database-Defined Tree Structures on the WWW by Using Rewriting Systems", IEEE, 2000, XP-002262516, pp. 247-254	
	116	PENG, F. et al. "XPath Queries on Streaming Data" Proceedings of the 2003 ACM SIGMOD Int'l Conference on Management of Data (SIGMOD 2003), San Diego, CA, June 9-12, 2003, pp. 431-442	
	117	SHANMUGASUNDARAM, J. et al. "Querying XML Views of Relational Data" Proceedings of the 27th Very Large Databases Conference, Rome, Italy, September, 2001, pp. 261-270	
	118	VION-DURY, J-Y. "XPath on Left and Right Side of Rules: Toward Compact XML Tree Rewriting through Node Patterns" Proceedings of the 2003 ACM Symposium on Document Engineering, Grenoble, France, November 20-22, 2003, ACM Press, pp. 19-25	
	119	VORTHMANN, S. "Beyond Schemas, Schema Adjuncts and the Outside World" Markup Languages, Online, June, 2000, Vol. 2, No. 3, pp. 1-8	

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